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PTO/SB/21 (04-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/617,995
		Filing Date	July 11, 2003
		First Named Inventor	Donald L. Schilling
		Art Unit	2876
		Examiner Name	Jamara Alzaida Franklin
Total Number of Pages in This Submission		Attorney Docket Number	I-2-0074.7US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Form PTO-1449</b>
<input type="checkbox"/> Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Steven J. Gelman Volpe and Koenig, P.C.	
Signature		
Date	May 31, 2005	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Steven J. Gelman	
Signature		Date
	May 31, 2005	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUN 02 2005

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

## Complete if Known

Application Number	10/617,995
Filing Date	July 11, 2003
First Named Inventor	Donald L. Schilling
Examiner Name	Jamara Alzaida Franklin
Art Unit	2876
Attorney Docket No.	I-2-0074.7US

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_  
 Deposit Account Deposit Account Number: 09-0435 Deposit Account Name: InterDigital Communications Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity Fee (\$)	Fee (\$)
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50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
-	-	= _____	x _____ = 0.00	0.00	

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
-	-	= _____	x _____ = 0.00	0.00	

HP = highest number of independent claims paid for, if greater than 3

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	0.00	

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Filing Supplemental Information Disclosure Statement

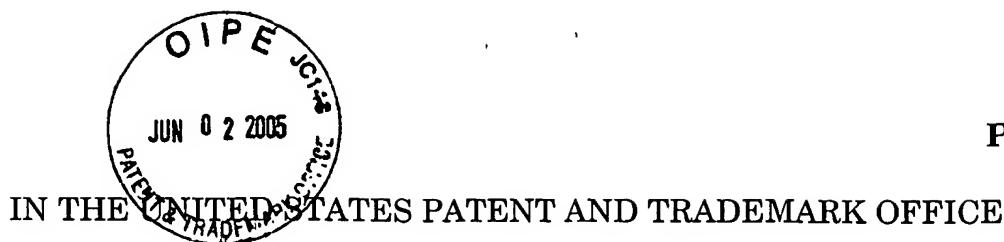
180.00

## SUBMITTED BY

Signature		Registration No. 41,034 (Attorney/Agent)	Telephone 215-568-6400
Name (Print/Type)	Steven J. Gelman		Date May 31, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**PATENT**

**In the PATENT APPLICATION of:**

Donald L. Schilling

**Application No.:** 10/617,995

**Confirmation No.:** 4240

**Filed:** July 11, 2003

**For:** REMOVABLE CARD FOR USE IN  
RADIO UNIT

**Group:** 2876

**Examiner:** Jamara Alzaida Franklin

**Our File:** I-2-0074.7US

**Date:** May 31, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. The newly cited document is indicated by an asterisk (\*).

Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included. Copies of previously cited documents are also not included.

In the spirit of 37 C.F.R. § 1.97(e)(1), the undersigned certifies that each new item of information contained in this Supplemental Information Disclosure Statement

**Applicant:** Donald L. Schilling  
**Application No.:** 10/617,995

was cited in a related U.S. application, and that this communication was not received by any individual designated in §1.56(c) more than three (3) months prior to the filing of the supplemental information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Donald L. Schilling

By   
Steven J. Gelman  
Registration No. 41,034  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
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Philadelphia, PA 19103

SJG/ks  
Enclosure

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0074.7US	SERIAL NO. 10/617,995
		APPLICANT Donald L. Schilling	
		FILING DATE July 11, 2003	GROUP 2876

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,581,019	05/1971	Ryan			
	3,784,793	01/1974	Ito et al.			
	4,680,785	07/1987	Akiyama et al.			
	4,706,275	11/1987	Kamil			
	4,734,928	03/1988	Weiner et al.			
	4,757,186	07/1988	Heberle et al.			
	4,759,056	07/1988	Akiyama			
	4,763,354	08/1988	Fukushima et al.			
	4,782,217	11/1988	Soza et al.			
	4,795,892	01/1989	Gilmore et al.			
	4,833,702	05/1989	Shitara et al.			
	4,845,740	07/1989	Tokuyama et al.			
	4,860,341	08/1989	D'Avello et al.			
	4,868,849	09/1989	Tamaoki			
	4,879,744	11/1989	Tasaki et al.			
	4,891,503	01/1990	Jewell			
	4,897,870	01/1990	Golden			
	4,907,257	03/1990	Asano et al.			
	5,003,585	03/1991	Richer			
	5,109,540	04/1992	Dzung et al.			
	5,138,648	08/1992	Palomeque et al.			
	5,148,650	08/1992	Stahl et al.			
	5,146,217	09/1992	Homes et al.			
	5,148,472	09/1992	Freese et al.			
	5,173,936	12/1992	Ditzig et al.			
	5,179,373	01/1993	John			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		ATTY. DOCKET NO. I-2-0074.7US	SERIAL NO. 10/617,995
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Donald L. Schilling	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE July 11, 2003	GROUP 2876
(Use several sheets if necessary)			

## U.S. PATENT DOCUMENTS

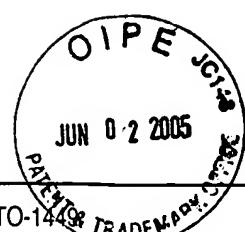
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,197,092	03/1993	Bamburak			
	5,220,593	06/1993	Zicker et al.			
	5,251,248	10/1993	Tokunaga et al.			
	5,266,782	11/1993	Alanara et al.			
	5,297,189	03/1994	Chabernaud			
	5,297,192	03/1994	Gerszberg			
	5,325,424	06/1994	Grube			
	5,359,182	10/1994	Schilling			
	5,371,493	12/1994	Sharpe et al.			
	5,371,785	12/1994	Marcinkiewicz			
	5,396,650	03/1995	Terauchi			
	5,404,580	04/1995	Simpson et al.			
	5,577,104	11/1996	Knuth et al.			
	6,003,770	12/1999	Schilling			
	6,035,025	03/2000	Hanson			
	6,098,878	08/2000	Dent et al.			
	6,142,368	11/2000	Jonstromer			
	6,164,531	12/2000	Harris et al.			
	6,170,745	01/2001	Schilling			
	3,784,793	01/1974	Ito et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0244164	10/1986	JP				
	0044662	02/1989	JP				
	0080717	04/1991	JP				

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-146 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			ATTY. DOCKET NO. I-2-0074.7US		SERIAL NO. 10/617,995		
			APPLICANT Donald L. Schilling				
			FILING DATE July 11, 2003		GROUP 2876		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	4,680,785	07/1987	Akiyama et al.			
		5,127,040	06/1992	D'Avello et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		08130592A	05/1996	JP			YES
		09018584A	01/1997	JP			NO
		0276403	08/1988	EP			
		502446A	09/1992	EP			
		2246269	01/1992	GB			
		4119924A	12/1992	DE			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Walker, "Security in Mobile and Cordless Telecommunications" CompEuro '92, ' Computer Systems and Software Engineering', Proceedings, pages 493-496, May 1992.					
		Arndt et al., "International Standards on Universal Personal Telecommunications: State of the Art and Future Projections", ICUPC '92 Proceedings, 10/1992 pages 03.01/1-03.01/5.					
		Zoreda et al., <u>Smart Cards</u> , Artech House, pp. 158-160 and 173-175 (1994).					
		Crump, Jr., Stewart, Phone Service in Airplanes: A High-Flying Idea, Mobile Office, April 1992, pp. 54-68.					
		Snow, Richard "The Future": GSM-features versus the cost (cellular radio)" IEE Colloquium on Mobile Communications, pages 511-513, 1990.					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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